

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	216	(frequency or period) near4 (measur\$5 or estimat\$4) near8 subtract	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 10:45
L2	884	(frequenc\$4 or period) near4 (measur\$5 or estimat\$4) near4 subtract\$4	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 10:46
L3	884	2	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 10:45
L4	530	(frequenc\$4 or period) near2 (measur\$5 or estimat\$4) near4 subtract\$4	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 10:46
L5	309	(frequenc\$4 or period) near (measur\$5 or estimat\$4) near4 subtract\$4	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 10:48
L6	5797	358/1.9	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 10:48
L7	5552	358/1.9.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 10:48
L8	3750	(subtract\$4 and frequenc\$4 and measur\$5).clm.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 10:49
L9	208	(subtract\$4 and frequenc\$4 and measur\$5 and image and data).clm.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 10:49
L10	0	(subtract\$4 and frequenc\$4 and measur\$5 and image and data).clm.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 10:49

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L11	70	(subtract\$4 and frequenc\$4 and measur\$5 and image adj data).clm.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 10:49
L12	301	(subtract\$4 with frequenc\$4 with measur\$5).clm.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 10:50
L13	2	(subtract\$4 with frequenc\$4 with measur\$5 with image adj data).clm.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 10:50
L14	591	358/3.06.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 10:50
L15	91	358/3.08.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 10:51
L16	150	358/3.07.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 10:51
L17	206	345/596.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 10:51
L18	35	345/599.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 10:52
S1	1	("6734991").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/13 17:26
S2	1	("20050179948").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/13 17:27
S3	4	("5200821" "5293430" "5621519" "5822470").PN. OR ("6734991").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/13 18:52
S4	1	("20050179948").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/14 11:07

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S5	143	358/3.07.ccls.		US-PGPUB; USPAT; USOCR	AND	ON	2007/03/14 11:07
S6	4	("5200821" "5293430" "5621519" "5822470").PN. OR ("6734991").URPN.		US-PGPUB; USPAT; USOCR	AND	ON	2007/03/14 11:07
S7	1	("6734991").PN.		US-PGPUB; USPAT	OR	OFF	2007/03/14 11:07
S8	86	358/3.08.ccls.		US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 10:43
S9	491	358/3.06.ccls.		US-PGPUB; USPAT; USOCR	AND	ON	2007/03/14 11:07
S10	143	358/3.07.ccls.		US-PGPUB; USPAT; USOCR	AND	ON	2007/03/14 11:07
S11	86	358/3.08.ccls.		US-PGPUB; USPAT; USOCR	AND	ON	2007/03/14 11:07
S12	491	358/3.06.ccls.		US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 10:51
S13	21	(S10 or S11 or S12) and estimat\$4 near\$4 frequenc\$4		US-PGPUB; USPAT; USOCR	AND	ON	2007/03/14 13:49
S14	3	(S10 or S11 or S12) and estimat\$4 near\$4 frequenc\$4 same multipl\$6		US-PGPUB; USPAT; USOCR	AND	ON	2007/03/22 15:37
S15	17	(S10 or S11 or S12) and estimat\$4 near\$4 frequenc\$4 and multipl\$6		US-PGPUB; USPAT; USOCR	AND	ON	2007/03/14 13:52

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S16	31	("4194221" "4630125" "4633327").PN. OR ("4758897").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/14 15:42
S17	25	S16 and multipl\$4	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/14 15:59
S23	1	"4758897".pn.	US-PGPUB; USPAT	AND	ON	2007/03/16 14:39
S24	1	"6157415".pn.	US-PGPUB; USPAT	AND	ON	2007/03/16 15:04
S25	1	"6983076".pn.	US-PGPUB; USPAT	AND	ON	2007/03/16 15:39
S26	1629621	(halftone\$4 or half\$1tone or half adj tone).ab. and estimat\$4 near\$4 frequenc\$4 or period	US-PGPUB; USPAT	AND	ON	2007/03/16 15:41
S27	37	(halftone\$4 or half\$1tone or half adj tone).ab. and estimat\$4 near\$4 (frequenc\$4 or period)	US-PGPUB; USPAT	AND	ON	2007/03/22 16:31
S28	223	(358/3.07 or 358/3.08).ccls.	US-PGPUB; USPAT	AND	ON	2007/03/16 16:14
S29	158	S28 and multipl\$6	US-PGPUB; USPAT	AND	ON	2007/03/16 16:16
S30	1	"6324305".pn.	US-PGPUB; USPAT	AND	ON	2007/03/20 13:51
S31	1	"5268773".pn.	US-PGPUB; USPAT	AND	ON	2007/03/20 13:51
S32	14	("5343251" "5410619" "5659399" "5729632" "5754681" "5765029" "5778156" "5828776" "6021220").PN. OR ("6229923").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/22 10:45
S33	37	(halftone\$4 or half\$1tone or half adj tone).ab. and estimat\$4 near\$4 (frequenc\$4 or period)	US-PGPUB; USPAT	AND	ON	2007/03/26 09:46
S34	13	S33 and weight	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/22 15:41

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S35	22	S33 and weight\$5	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/22 16:16
S36	35	("4561022" "4761819" "4783840" "4811239" "4893195" "4903142" "4953013" "4962542" "5038388" "5091967" "5166810" "5239390").PN. OR ("5343309").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/22 16:17
S37	23644	(halftone\$4 or half\$1tone or half adj tone) not (halftone\$4 or half\$1tone or half adj tone).ab.	US-PGPUB; USPAT	AND	ON	2007/03/22 16:30
S38	241	(halftone\$4 or half\$1tone or half adj tone) and estimat\$4 near4 (frequenc\$4 or period)	US-PGPUB; USPAT	AND	ON	2007/03/27 16:03
S39	241	S38 and estimat\$4 near4 (frequenc\$4 or period)	US-PGPUB; USPAT	AND	ON	2007/03/22 17:00
S40	5691	(358/1.9,3.06,3.2,534-536).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/26 09:46
S41	0	("s33andl1").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/26 09:46
S42	37	(halftone\$4 or half\$1tone or half adj tone).ab. and estimat\$4 near4 (frequenc\$4 or period)	US-PGPUB; USPAT	AND	ON	2007/03/26 09:47
S43	11	S40 and S42	US-PGPUB; USPAT	AND	ON	2007/03/26 09:47
S44	33475	(halfton\$4 or half\$1tone or half ton\$4 or screen\$3 or pattern or matrix or array or mask\$3 or template or tile) with (estimat\$4 or determin\$5 or calculat\$3 or approximat\$3 or measur\$5 or judg\$5 or deduc\$4) with (frequenc\$4 or period)	US-PGPUB; USPAT	ADJ	ON	2007/03/26 09:53
S45	280	S40 and S44	US-PGPUB; USPAT	ADJ	ON	2007/03/26 09:52
S46	17619	(halfton\$4 or half\$1tone or half ton\$4 or screen\$3 or pattern or matrix or array or mask\$3 or template or tile) with (estimat\$4 or determin\$5 or calculat\$3 or approximat\$3 or measur\$5 or judg\$5 or deduc\$4) near4 (frequenc\$4 or period)	US-PGPUB; USPAT	ADJ	ON	2007/03/26 15:31
S47	166	S40 and S46	US-PGPUB; USPAT	ADJ	ON	2007/03/26 13:14
S48	46045	("35" or "382").clas.	US-PGPUB; USPAT	ADJ	ON	2007/03/26 13:14

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S49	869	S46 and S48	US-PGPUB; USPAT	ADJ	ON	2007/03/26 13:15
S50	24	S42 and S48	US-PGPUB; USPAT	ADJ	ON	2007/03/26 13:46
S51	388	(345/596-599).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/26 13:47
S52	6	S46 and S51	US-PGPUB; USPAT	AND	ON	2007/03/26 13:47
S53	3727	(halftone\$4 or half\$1tone or half ton\$4 or screen\$3 or pattern or matrix or array or mask\$3 or template or tile) with (estimat\$4 or determin\$5 or calculat\$3 or approximat\$3 or measur\$5 or judg\$5 or deduc\$4) near4 (frequenc\$4 or period)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/26 15:31
S54	609	(halftone\$4 or half\$1tone or half ton\$4 or screen\$3) with (estimat\$4 or determin\$5 or calculat\$3 or approximat\$3 or measur\$5 or judg\$5 or deduc\$4) near4 (frequenc\$4 or period)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/26 15:31
S55	29	(halftone\$4 or half\$1tone or half ton\$4 or screen\$3) with (estimat\$4) near4 (frequenc\$4 or period)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/26 15:31
S56	241	(halftone\$4 or half\$1tone or half adj tone) and estimat\$4 near4 (frequenc\$4 or period)	US-PGPUB; USPAT	AND	ON	2007/03/27 16:04
S57	112	S56 and (subsample\$4 or sub\$1sample\$4 or sub adj sample\$4)	US-PGPUB; USPAT	AND	ON	2007/03/28 12:43
S59	241	(halftone\$4 or half\$1tone or half adj tone) and estimat\$4 near4 (frequenc\$4 or period)	US-PGPUB; USPAT	AND	ON	2007/09/05 12:42
S60	123	S59 and (subsample\$4 or sub\$1sample\$4 or sub adj sample\$4 or downsample\$4 or down\$1sample\$4 or down adj sample\$4)	US-PGPUB; USPAT	AND	ON	2007/03/28 14:56
S61	155	S59 and (subtract\$4)	US-PGPUB; USPAT	AND	ON	2007/03/28 14:56
S62	6	(halftone\$4 or half\$1tone or half adj tone) and estimat\$4 near4 (frequenc\$4 or period) same subtract\$4	US-PGPUB; USPAT	AND	ON	2007/03/28 14:56

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S63	1	("6011538").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/28 17:21
S64	1380	xerographic.cfm.	US-PGPUB; USPAT	AND	ON	2007/03/28 17:21
S65	955	xerographic.cfm. and xerox.as.	US-PGPUB; USPAT	AND	ON	2007/03/28 17:21
S66	540	xerographic.cfm. and xerox.as. and @py<="2002"	US-PGPUB; USPAT	AND	ON	2007/03/28 17:21
S67	189	xerographic.cfm. and xerox.as. and @py<="2002" and @py>="1995"	US-PGPUB; USPAT	AND	ON	2007/03/28 17:22
S68	57	xerographic.cfm. and xerox.as. and @py<="2001" and @py>="1999"	US-PGPUB; USPAT	AND	ON	2007/03/28 17:23
S69	33	xerographic.cfm. and xerox.as. and @py<="2001" and @py>="1999" and "399".clas.	US-PGPUB; USPAT	AND	ON	2007/03/28 17:24
S70	68	xerographic.cfm. and xerox.as. and @py<="2003" and "358".clas.	US-PGPUB; USPAT	AND	ON	2007/03/28 17:27
S71	7	(xerographic and photocopier).cfm. and xerox.as. and @py<="2003"	US-PGPUB; USPAT	AND	ON	2007/03/28 17:28
S72	69	(halftone\$4 or half\$1tone or half adj tone) and estimat\$4 near\$4 (frequency\$4 or period) and interpolat\$5	US-PGPUB; USPAT	AND	ON	2007/09/05 12:42
S73	1	"6734991"	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 09:27
S74	1	("20050179948").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/17 11:17
S75	4	("5200821" "5293430" "5621519" "5822470").PN. OR ("6734991").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 11:17
S76	1	("6734991").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/17 11:17

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S77	32	("4194221" "4630125" "4633327").PN. OR ("4758897").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 11:17
S78	26	S77 and multipl\$4	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 11:17
S79	4	("5200821" "5293430" "5621519" "5822470").PN. OR ("6734991").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 11:17
S80	91	358/3.08.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 11:17
S81	1	("6734991").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/17 11:17
S82	547	358/3.06.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 11:17
S83	91	358/3.08.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 11:17
S84	146	358/3.07.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 11:17
S85	1	("20050179948").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/17 11:17
S86	146	358/3.07.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 11:17
S87	547	358/3.06.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 11:17
S88	24	(S84 or S83 or S87) and estimat\$4 near\$4 frequenc\$4	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 11:17

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S89	20	(S84 or S83 or S87) and estimat\$4 near\$4 frequenc\$4 and multipl\$6	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 11:17
S90	3	(S84 or S83 or S87) and estimat\$4 near\$4 frequenc\$4 same multipl\$6	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 11:17
S91	1	"6157415".pn.	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S92	1	"6983076".pn.	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S93	1	"4758897".pn.	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S94	231	(358/3.07 or 358/3.08).ccls.	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S95	1709020	(half\$1tone or half adj tone).ab. and estimat\$4 near\$4 frequenc\$4 or period	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S96	40	(half\$1tone or half adj tone).ab. and estimat\$4 near\$4 (frequenc\$4 or period)	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S97	164	S94 and multipl\$6	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S98	1	"6324305".pn.	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S99	1	"5268773".pn.	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S100	15	("5343251" "5410619" "5659399" "5729632" "5754681" "5765029" "5778156" "5828776" "6021220").PN. OR ("6229923").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 11:17
S101	40	(half\$1tone or half adj tone).ab. and estimat\$4 near\$4 (frequenc\$4 or period)	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S102	22	S101 and weight\$5	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 11:17

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S10 3	38	("4561022" "4761819" "4783840" "4811239" "4893195" "4903142" "4953013" "4962542" "5038388" "5091967" "5166810" "5239390").PN. OR ("5343309").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 11:17
S10 4	13	S101 and weight	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/17 11:17
S10 5	259	(halftone\$4 or half\$1tone or half adj tone) and estimat\$4 near4 (frequenc\$4 or period)	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S10 6	24963	(halftone\$4 or half\$1tone or half adj tone) not (halftone\$4 or half\$1tone or half adj tone).ab.	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S10 7	259	S105 and estimat\$4 near4 (frequenc\$4 or period)	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S10 8	6147	(358/1.9,3.06,3.2,534-536).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/17 11:17
S10 9	35724	(halfton\$4 or half\$1tone or half ton\$4 or screen\$3 or pattern or matrix or array or mask\$3 or template or tile) with (estimat\$4 or determin\$5 or calculat\$3 or approxim\$3 or measur\$5 or judg\$5 or deduc\$4) with (frequenc\$4 or period)	US-PGPUB; USPAT	ADJ	ON	2007/09/17 11:17
S11 0	302	S108 and S109	US-PGPUB; USPAT	ADJ	ON	2007/09/17 11:17
S11 1	40	(halftone\$4 or half\$1tone or half adj tone).ab. and estimat\$4 near4 (frequenc\$4 or period)	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S11 2	0	("s33andl1").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/17 11:17
S11 3	12	S108 and S111	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S11 4	18763	(halfton\$4 or half\$1tone or half ton\$4 or screen\$3 or pattern or matrix or array or mask\$3 or template or tile) with (estimat\$4 or determin\$5 or calculat\$3 or approxim\$3 or measur\$5 or judg\$5 or deduc\$4) near4 (frequenc\$4 or period)	US-PGPUB; USPAT	ADJ	ON	2007/09/17 11:17
S11 5	183	S108 and S114	US-PGPUB; USPAT	ADJ	ON	2007/09/17 11:17
S11 6	410	(345/596-599).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/17 11:17

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S11 7	6	S114 and S116	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S11 8	3882	(halftone\$4 or half\$1tone or half ton\$4 or screen\$3 or pattern or matrix or array or mask\$3 or template or tile) with (estimat\$4 or determin\$5 or calculat\$3 or approximat\$3 or measur\$5 or judg\$5 or deduc\$4) near4 (frequenc\$4 or period)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 11:17
S11 9	31	(halftone\$4 or half\$1tone or half ton\$4 or screen\$3) with (estimat\$4) near4 (frequenc\$4 or period)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 11:17
S12 0	49294	("35" or "382").clas.	US-PGPUB; USPAT	ADJ	ON	2007/09/17 11:17
S12 1	24	S111 and S120	US-PGPUB; USPAT	ADJ	ON	2007/09/17 11:17
S12 2	917	S114 and S120	US-PGPUB; USPAT	ADJ	ON	2007/09/17 11:17
S12 3	630	(halftone\$4 or half\$1tone or half ton\$4 or screen\$3) with (estimat\$4 or determin\$5 or calculat\$3 or approximat\$3 or measur\$5 or judg\$5 or deduc\$4) near4 (frequenc\$4 or period)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 11:17
S12 4	259	(halftone\$4 or half\$1tone or half adj tone) and estimat\$4 near4 (frequenc\$4 or period)	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S12 5	121	S124 and (subsamp1\$4 or sub\$1samp1\$4 or sub adj samp1\$4)	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S12 6	1	("6011538").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/17 11:17
S12 7	259	(halftone\$4 or half\$1tone or half adj tone) and estimat\$4 near4 (frequenc\$4 or period)	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S12 8	6	(halftone\$4 or half\$1tone or half adj tone) and estimat\$4 near4 (frequenc\$4 or period) same subtract\$4	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S12 9	57	xerographic.clm. and xerox.as. and @py<="2001" and @py>="1999"	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17

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S13 0	189	xerographic.clm. and xerox.as. and @py<="2002" and @py>="1995"	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S13 1	167	S127 and (subtract\$4)	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S13 2	132	S127 and (subsample\$4 or sub sample\$4 or downsample\$4 or downsample\$4)	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S13 3	7	(xerographic and photocopier).clm. and xerox.as. and @py<="2003"	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S13 4	33	xerographic.clm. and xerox.as. and @py<="2001" and @py>="1999" and "399".clas.	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S13 5	1054	xerographic.clm. and xerox.as.	US-PGPUB; USPAT	AND	ON	2007/09/17 11:17
S13 6	68	xerographic.clm. and xerox.as. and @py<="2003" and "358".clas.	US-PGPUB; USPAT	AND	ON	2007/09/17 11:18
S13 7	1486	xerographic.clm.	US-PGPUB; USPAT	AND	ON	2007/09/17 11:18
S13 8	540	xerographic.clm. and xerox.as. and @py<="2002"	US-PGPUB; USPAT	AND	ON	2007/09/17 11:18
S13 9	69	(halftone\$4 or half\$1tone or half adj tone) and estimate\$4 near\$4 (frequency\$4 or period) and interpolate\$5	US-PGPUB; USPAT	AND	ON	2007/09/17 11:18